BRUHAT BANGALORE MAHANAGARA PALIKE

BYATARAYANAPURA DIVISION

E-BILL FOR THE WORK: IMPROVEMENTS TO ROADS, DRAIN AT SAMPIGEHALLI AND ROYAL ENCLAVE IN WARD NO.08 JAKKUR.

WORK ORDER NO: BBMP/EE/BTP/WO/157/2022-23

DATE : 10/03/2023

ESTIMATE COST: Rs. 99.00 Lakhs

JOB CODE NO : 008-23-000009

BYATARAYANAPURA SUB DIVISION

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK :- IMPROVEMENTS TO ROADS, DRAIN AT SAMPIGEHALLI AND ROYAL ENCLAVE IN WARD NO.08 JAKKUR

NAME OF AGENCY : M/s. S. S. Road Developers

Prop.: A. S. Mani.

WORK ORDER NO : BBMP/EE/BTP/WO/157/2022-23 Dt: 10-03-2023

JOB CODE : 008-23-000009

FIRST AND FINAL BILL

Sno	Discription of items	No	L	B	D	Qty	Rate	Amount
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. In all kind of soils Depth upto 1.5m (P.No.5-I.No.1.4.1)& of PWD SR 21-22 Vol-1							
	Qty As Per P/M Vide Item No 1. From XL Sheet Page no. 06					1215.16	175.96	213819.55
						Cum		
2	Providing and laying in position **plain cement concrete Mix 1:3:6 (M10)** for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.							
	Qty As Per P/M Vide Item No 2. From XL Sheet Page no. 10					186.24	5254.08	978519.85 978543.50
						Cum		
3	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from **0.50m to 3.50 m height**. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. **M20** (The cost of steel reinforcement & formwork to be paid separately) (P.No.17-I.No.2.4.2) & of PWD SR 21-22 Vol-1							
	Qty As Per P/M Vide Item No 3. From XL Sheet Page no. 16					347.79	5928.01	2061684.51
						Cum		

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4	Supplying, Fitting and Placing un-coated **TMT bar Reinforcement** in sub structure complete as per Drawing and Technical Specifications. (P.No. 99, Sl.No. 13.1 Vol - 3, 2021-22) Issue Rate w.e.f 07/07/2022							
	Qty As Per P/M Vide Item No 4. From XL Sheet Page no. 13							
						22.52	87192.82	1963582.31 1963412.19
						M-Tonn		
5	Providing & Fixing **RCC Precast cover slab of 100mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer incharge . (Approved Data Rate)							
	For RCC Drain at Main rd R/side Royal Enclave Rds							
	Measuring From North to South	1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	13.00	0.90		11.70		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	3.00	0.90		2.70		
		1	30.00	0.90		27.00		
		1	6.00	0.90		5.40		
	L/side							
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	12.00	0.90		10.80		
		1	21.00	0.90		18.90		
		1	24.20	0.90		21.78		
	Cross Rd. R/Side115.00							
		1	30.00	0.90		27.00		
	R/ side	1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	25.00	0.90		22.50		
	L/ side	1	30.00	0.90		27.00		
		1	34.00	0.90		30.60		
	Srirampura Main Rd 124.30							
	From Royal Enclave Rd. to 3rd Cross Nisarga layout	1	20.30	0.90		18.27		
	4th Cross	1	25.20	0.90		22.68		
	5th Cross	1	27.10	0.90		24.39		
	6th Cross	1	32.70	0.90		29.43		
	Upto 7th Cross	1	30.00	0.90		27.00		

570.15

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	L/Side 7th Cross rd to End	1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	12.30	0.90		11.07		
		1	10.20	0.90		9.18		
	at missing places	15	0.60	0.90		8.10	109.35	
						679.50	**1781.92**	**1210814.64**
						Sqm		
6	Providing & Fixing **RCC Precast cover slab of 230mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer incharge . (Approved Data Rate)							
	FOR CULVERTS							
	Culvert At Royal Enclave	1	13.00	1.50		19.50		
		1	8.00	1.50		12.00		
		1	7.00	1.50		10.50		
		1	10.00	1.20		12.00		
		1	7.00	1.50		10.50		
	At Srirampura Main rd 3rd Cross Nisarga Layout	1	6.20	1.50		9.30		
		1	7.10	1.50		10.65		
		1	6.20	1.50		9.30		
		1	6.00	1.50		9.00		
		1	6.00	1.50		9.00		
		1	3.20	1.50		4.80		
						116.55		
	Qty upto 125%					**63.00**	**4331.82**	**272904.66**
	Qty Above 125%					**53.55**	**4332.32**	**231995.93**
						Sqm		
7	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3). (KWPD 2021-22, Vol-III, Item No.1.1 A, Page No.3)							
	Qty As Per P/M Vide Item No 7. From XL Sheet Page no. 07							
						1235.16	**111.63**	**137880.91**
						Cum		

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8	Cost of Haulage Excluding Loading and Unloading taking output 18 t Load and lead 10 km = 180.t.km (PWD SR 2021-22 Vol-III Page No.3, Item No. 1.4B)						
	Qty As Per P/M Vide Item No 8. From XL Sheet Page no. 08						
					1570.00 t.km	90.82	142587.11
						SUB TOTAL Rs.	7213643.32
						GST 18%	1298455.80
						GRAND TOTAL Rs.	8512099.11

CERTIFICATE

1	The contractor has done the work satisfactorily.
2	The contractor has removed the all debris from work spots.
3	This area comes under BBMP limits.

Subtotal 7213804.66
Round off: 7215000.00
Gst 18%: 1297800.00
total: 8507800.00

Asst. Engineer
Ward No.08, Byatarayanapura

Asst. Executive Engineer
Byatarayanapura Sub-Division

Executive Engineer
Byatarayanapura Division
B.B.M.P. Bangalore

Contractor

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